Page: 1

Otter Tail Ag Enterprises, LLC

WO:

001779

Account:

Project:

Phone:

Phone:

Status: |

Submitted By:

Contact: Date, Time: PM SCHEDULE

07/06/10,10:08

Type: Priority: Failure:

Est Down:

OS Date, Time:

PM

3

Required: Dispatched To:

Rating: Action:

Downtime: RS Date, Time:

Safety Procs: PM Desc: PM0001 W VISUAL INSPECTION

07/12/10

7

ROUTE INFORMATION

Route:

5000

DRYER/DDGS

PROBLEM DESCRIPTION

VISUALLY INSPECT MACHINE, NOTING ANY THING OUT OF THE ORDINARY, EG: LEAKS, SMOKE, UNUSAL VIBRATION, SPARKS ETC. ALSO NOTE ANY UNUSAL NOISES. IF A MINOR PROBLEM IS FOUND, REPAIR. CHECK OIL LEVELS WHERE APPLICABLE. CHECK SEAL POT LEVEL AND PRESSURE WHERE APPLICABLE.

COMMENTS

AUTHORIZATION/COMPLETION INFORMATION

Authorized By:

Planned By: Completed By: PM SCHEDULE

Authorized: Planned:

07/06/10

Completed:

ROUTE

Otter Tail Ag Enterprises, LLC Page:1

Route:

5000; DRYER/DDGS

WO: 001779 PM: PM0001 WO Status: ı Eqp/Loc/CC Stop CD Description Location Stock Qty 1 Ε Y-5101 WETCAKE COLLECTING CONVEYOR 2 Ε X-5201 M1 SYRUP MIXER (PMSX-11) 3 Ε Y-5201 WET CAKE TRANSFER CONVEYOR X-5202 4 Ε M19 WET FEED SCREW CONVEYOR (SCRU-13) 5 E Y-5202 M4 WET CAKE FEED CONVEYOR 6 E X-5208 M2 DOUBLE SHAFT PADDLE MIXER (PMXT-11) 7 E X-5209 M3 MIXER OUTLET SCREW CONVEYOR (SCRF-11) DRYER*_*_*_*_ 8 E DR-5250 M12 ROTARY DRUM DRIVE (ROTO-11) 9 E X-5221 M5 HOPPER OUTLET SCREW (SCRU-11) 10 E RV-5221 M6 DRUM DISCHARGE ROTARY VALVE (RVAL-12) 11 Ε X-5212 M7 CYCLONE COLLECTION SCREW A (SCRO-11A) 12 E RV-5202 M9 CYCLONE COLLECTION ROTARY VALVE (RVAL-11A) 13 E X-5213 M8 CYCLONE COLLECTION SCREW B (SCRO-11B) 14 E RV-5203 M10 CYCLONE ROTARY VALVE (RVAL-11B)

Route:

5000; DRYER/DDGS

WO:

001779

PM:

PM0001

Stop	CD	Eqp/Loc/CC Description	Location	Stock	Qty
15	E	X-5216 M18 RECYCLE ELEVATING DRAG CONVEYOR (DRAG-11)			
16	Е	FN-5202 RECIRCULATION FAN FOR ROTARY DRYER (FANC-12)		,	* 1
17	Е	UH-5225 DRYER AIR HEATER		¥	
18	Е	X-5218 M31 FLUID BED TRANSFER SCREW (SCRU-31)			
19	Е	RV-5218 M37 FLUID BED TRANSFER SCREW ROTARY VALVE (RVAL-31)			*
20	E	Y-5203B WDGS SLIP STREAM CONVEYOR			¥
21	Е	Y-5203A WDGS TRANSFER CONVEYOR	*		
22	ιE	RV-5206 M32 FLUID BED DISCHARGE ROTARY VALVE (RVAL-32)			
23	E	FBAG-31 DRYER BAG HOUSE		* 0	
24	Е	X-5217 M35 BAG FILTER DISCHARGE SCREW (SCRU-32)			
25	E	RV-5207 M36 BAG FILTER DISCHARGE ROTARY VALVE (RVAL-33)			
26	Е	FN-5201 M11 COMBUSTION FAN FOR ROTARY DRYER (FANC-11)		,	
27	Е	FN-5203 M34 FLUID BED EXHAUST FAN (FANC-31)			
28	Е	Y-5301			
		C	Continued Next Page		-

Route:

5000; DRYER/DDGS

WO:

001779

PM:

PM0001

WO:		001779	PIVI: PIVIOUOT	VVO Statu	5. 1
Stop	CD	Eqp/Loc/CC Description	Location	Stock	Qty
		FLUID BED COOLER CONVEYOR			10
29	Е	Y-5302 CONVEYOR FROM DRYER TO DDGS BUCKET ELEVATOR	DRYER*-*-*-		
30	E	BE-5303 DRY DDGS GRAIN LEG FROM DRYER TO INCLINE CONVEYOR LEG 5			
31	E	Y-5304 NORTH/SOUTH INCLINE CONVEYOR	DDGS*-*-*-		
32	E	Y-5305 DRY DDG EAST/WEST CONVEYOR			
33	E	Y-5311 DDGS PIT CONVEYOR			
34	Е	BE-5315 DDG LOAD OUT LEG FROM DDGS TO BULK WEIGHER LEG 6			
35	Ε	HP-5317 BULK WEIGHER HYDRAULIC PUMP		,	
36	Е	Y-5320 DDG LOADOUT CONVEYOR	DDGS*-*-*-		
37	Е	CH-5345 LOADOUT SPOUT OVER TRUCK			
38	Ē	CH-5335 LOADOUT SPOUT OVER RAIL			,
**					- 24
			*		*,
		A	End		

Page: 1

Otter Tail Ag Enterprises, LLC

WO:

001798

Account:

Project:

Status: |

Submitted By:

PM SCHEDULE

Phone:

Contact:

Date, Time:

07/12/10.08:58

Phone: Required:

Type:

PM

Dispatched To:

07/26/10

Priority:

3

Rating:

7

Failure: Est Down:

OS Date, Time: Safety Procs:

Action: Downtime:

RS Date, Time: PM Desc:

PM0001 W VISUAL INSPECTION

ROUTE INFORMATION

Route:

5000

DRYER/DDGS

PROBLEM DESCRIPTION

VISUALLY INSPECT MACHINE, NOTING ANY THING OUT OF THE ORDINARY, EG: LEAKS, SMOKE, UNUSAL VIBRATION, SPARKS ETC. ALSO NOTE ANY UNUSAL NOISES. IF A MINOR PROBLEM IS FOUND, REPAIR. CHECK OIL LEVELS WHERE APPLICABLE. CHECK SEAL POT LEVEL AND PRESSURE WHERE APPLICABLE.

COMMENTS

AUTHORIZATION/COMPLETION INFORMATION

Authorized By:

Planned By: Completed By: PM SCHEDULE

Authorized: Planned:

07/12/10

Completed:

7-13

ROUTE

Otter Tail Ag Enterprises, LLC Page:1

Route:

5000; DRYER/DDGS

WO:

001798

PM:

PM0001

Stop	CD	Eqp/Loc/CC Description	Location	Stock	Qty
1	Е	Y-5101 WETCAKE COLLECTING CONVEYOR	R	7-13	
2	E	X-5201 M1 SYRUP MIXER (PMSX-11)			
3	Е	Y-5201 WET CAKE TRANSFER CONVEYOR			*,
4	E	X-5202 M19 WET FEED SCREW CONVEYOR (SCRU-13)			
5	E	Y-5202 M4 WET CAKE FEED CONVEYOR			6
6	Ē	X-5208 M2 DOUBLE SHAFT PADDLE MIXER (PMXT-11)	* **		,
7	Е	X-5209 M3 MIXER OUTLET SCREW CONVEYOR (SCRF-11)			
8	E	DR-5250 M12 ROTARY DRUM DRIVE (ROTO-11)	DRYER*_*_*_*_		
9	Е	X-5221 M5 HOPPER OUTLET SCREW (SCRU-11)			
10	E.	RV-5221 M6 DRUM DISCHARGE ROTARY VALVE (RVAL-12)			
11	Е	X-5212 M7 CYCLONE COLLECTION SCREW A (SCRO-11A)	4 · ·		
12	Е	RV-5202 M9 CYCLONE COLLECTION ROTARY VALVE (RVAL-11A)			, ,
13	Е	X-5213 M8 CYCLONE COLLECTION SCREW B (SCRO-11B)			
14	Е	RV-5203 M10 CYCLONE ROTARY VALVE (RVAL-11B)	* *		

Route:

5000; DRYER/DDGS

WO: 001798

PM: P

PM0001

15 E X-5216 M18 RECYCLE ELEVATING DRAG CONVEYOR (DRAG-11)	WO.	-	001798	FIVI. FIVIOUUT	WO Statu	S. I
M18 RECYCLE ELEVATING DRAG CONVEYOR (DRAG-11)	Stop	CD		Location	Stock	Qty
RECIRCULATION FAN FOR ROTARY DRYER (FANC-12)	15	Е	M18 RECYCLE ELEVATING		7-13	*
DRYER AIR HEATER DRYER AIR H	16	Е	RECIRCULATION FAN FOR			
M31 FLUID BED TRANSFER SCREW (SCRU-31)	17	Е				an .
M37 FLUID BED TRANSFER SCREW ROTARY VALVE (RVAL-31) 20	18	Е	M31 FLUID BED TRANSFER			
WDGS SLIP STREAM CONVEYOR	19	Е	M37 FLUID BED TRANSFER SCREW ROTARY VALVE			
WDGS TRANSFER CONVEYOR	20	Е				
M32 FLUID BED DISCHARGE ROTARY VALVE (RVAL-32)	21	Е				
DRYER BAG HOUSE 24	22	E	M32 FLUID BED DISCHARGE			
M35 BAG FILTER DISCHARGE SCREW (SCRU-32) E RV-5207 M36 BAG FILTER DISCHARGE ROTARY VALVE (RVAL-33) E FN-5201 M11 COMBUSTION FAN FOR ROTARY DRYER (FANC-11) E FN-5203 M34 FLUID BED EXHAUST FAN (FANC-31) E Y-5301	23	Е				
M36 BAG FILTER DISCHARGE ROTARY VALVE (RVAL-33) 26 E FN-5201 M11 COMBUSTION FAN FOR ROTARY DRYER (FANC-11) 27 E FN-5203 M34 FLUID BED EXHAUST FAN (FANC-31) 28 E Y-5301	24	Е	M35 BAG FILTER DISCHARGE			10
M11 COMBUSTION FAN FOR ROTARY DRYER (FANC-11) 27	25	Έ	M36 BAG FILTER DISCHARGE			4.5
M34 FLUID BED EXHAUST FAN (FANC-31) 28 E Y-5301	26	Е	M11 COMBUSTION FAN FOR			
	27	Е	M34 FLUID BED EXHAUST FAN			i.
Continued New Power	28	Е	Y-5301			
Continued Next Page		1.	C	ontinued Next Page	Į	

Route:

5000; DRYER/DDGS

WO:

001798

PM:

PM0001

Stop	CD	Eqp/Loc/CC Description	Location	Stock	Qty
		FLUID BED COOLER CONVEYOR		7-13	
29	Е	Y-5302 CONVEYOR FROM DRYER TO DDGS BUCKET ELEVATOR	DRYER*-*-*-		
30	E	BE-5303 DRY DDGS GRAIN LEG FROM DRYER TO INCLINE CONVEYOR LEG 5			,
31	Е	Y-5304 NORTH/SOUTH INCLINE CONVEYOR	DDGS*-*-*-		
32	Ε	Y-5305 DRY DDG EAST/WEST CONVEYOR			3
33	Е	Y-5311 DDGS PIT CONVEYOR			
34	E	BE-5315 DDG LOAD OUT LEG FROM DDGS TO BULK WEIGHER LEG 6			9
35	Е	HP-5317 BULK WEIGHER HYDRAULIC PUMP			
36	Ε	Y-5320 DDG LOADOUT CONVEYOR	DDGS*-*-*-		
37	E	CH-5345 LOADOUT SPOUT OVER TRUCK			
38	Е	CH-5335 LOADOUT SPOUT OVER RAIL			· ·
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	* 3	. * *			
	8 8				

Page: 1

Otter Tail Ag Enterprises, LLC

WO:

001808

Account:

Project:

Status:

Submitted By:

Contact:

Phone:

Date, Time:

07/19/10,15:25

PM SCHEDULE

Phone: Required:

08/02/10

7

Type:

PM 3

Dispatched To:

Priority: Failure:

Est Down: OS Date, Time:

Safety Procs:

Rating: Action:

Downtime: RS Date, Time:

PM Desc:

PM0001 W VISUAL INSPECTION

ROUTE INFORMATION

Route:

5000

DRYER/DDGS

PROBLEM DESCRIPTION

VISUALLY INSPECT MACHINE, NOTING ANY THING OUT OF THE ORDINARY, EG: LEAKS, SMOKE, UNUSAL VIBRATION, SPARKS ETC. ALSO NOTE ANY UNUSAL NOISES. IF A MINOR PROBLEM IS FOUND, REPAIR. CHECK OIL LEVELS WHERE APPLICABLE. CHECK SEAL POT LEVEL AND PRESSURE WHERE APPLICABLE.

COMMENTS

AUTHORIZATION/COMPLETION INFORMATION

Authorized By:

Planned By: Completed By: PM SCHEDULE

Authorized: Planned:

07/19/10

Completed:

7-23

Route:

5000; DRYER/DDGS

WO:

001808

PM:

PM0001

Stop	CD	Eqp/Loc/CC Description	Location	Stock	Qty
1	Е	Y-5101 WETCAKE COLLECTING CONVEYOR	2	7-21	
2	E	X-5201 M1 SYRUP MIXER (PMSX-11)	4	7-21	
3	Ε	Y-5201 WET CAKE TRANSFER CONVEYOR		7-23	
4	Е	X-5202 M19 WET FEED SCREW CONVEYOR (SCRU-13)			
5	Ε	Y-5202 M4 WET CAKE FEED CONVEYOR			
6	Е	X-5208 M2 DOUBLE SHAFT PADDLE MIXER (PMXT-11)			
7	Е	X-5209 M3 MIXER OUTLET SCREW CONVEYOR (SCRF-11)			
8	Е	DR-5250 M12 ROTARY DRUM DRIVE (ROTO-11)	DRYER*_*_*_*_		
9	Е	X-5221 M5 HOPPER OUTLET SCREW (SCRU-11)			
10	Е	RV-5221 M6 DRUM DISCHARGE ROTARY VALVE (RVAL-12)			
11	Е	X-5212 M7 CYCLONE COLLECTION SCREW A (SCRO-11A)			
12	Е	RV-5202 M9 CYCLONE COLLECTION ROTARY VALVE (RVAL-11A)			
13	Е	X-5213 M8 CYCLONE COLLECTION SCREW B (SCRO-11B)			
14	Е	RV-5203 M10 CYCLONE ROTARY VALVE (RVAL-11B)			

Route:

5000; DRYER/DDGS

WO: 001808 PM: PM0001

15 E X-5216 M18 RECYCLE ELEVATING DRAG CONVEYOR (DRAG-11)	WO.		001000	FINI. I MOOOT	WO State	3. 1
M18 RECYCLE ELEVATING DRAG CONVEYOR (DRAG-11)	Stop	CD		Location	Stock	Qty
RECIRCULATION FAN FOR ROTARY DRYER (FANC-12)	15	Е	M18 RECYCLE ELEVATING		7-23	
DRYER AIR HEATER DRYER AIR H	16	Е	RECIRCULATION FAN FOR			
M31 FLUID BED TRANSFER SCREW (SCRU-31)	17	Е				
M37 FLUID BED TRANSFER SCREW ROTARY VALVE (RVAL-31) 20	18	Е	M31 FLUID BED TRANSFER			
WDGS SLIP STREAM CONVEYOR	19	Е	M37 FLUID BED TRANSFER SCREW ROTARY VALVE			
WDGS TRANSFER CONVEYOR	20	Е				
M32 FLUID BED DISCHARGE ROTARY VALVE (RVAL-32) 23	21	Е				
DRYER BAG HOUSE 24	22	Е	M32 FLUID BED DISCHARGE		,	
M35 BAG FILTER DISCHARGE SCREW (SCRU-32) 25	23	Ε				
M36 BAG FILTER DISCHARGE ROTARY VALVE (RVAL-33) 26	24	Е	M35 BAG FILTER DISCHARGE			
M11 COMBUSTION FAN FOR ROTARY DRYER (FANC-11) 27	25	Е	M36 BAG FILTER DISCHARGE			
M34 FLUID BED EXHAUST FAN (FANC-31) 28 E Y-5301	26	Е	M11 COMBUSTION FAN FOR			
	27	Е	M34 FLUID BED EXHAUST FAN			
Continued Next Page	28	Е	Y-5301			
			(Continued Next Page	1	Part State and Constitution of the Constitutio

Route:

5000; DRYER/DDGS

WO:

001808

PM:

PM0001

Stop	CD	Eqp/Loc/CC Description	Location	Stock	Qty
		FLUID BED COOLER CONVEYOR		7.23	
29	Е	Y-5302 CONVEYOR FROM DRYER TO DDGS BUCKET ELEVATOR	DRYER*-*-*-	7-22	
30	Е	BE-5303 DRY DDGS GRAIN LEG FROM DRYER TO INCLINE CONVEYOR LEG 5		7-55	
31	Е	Y-5304 NORTH/SOUTH INCLINE CONVEYOR	DDGS*-*-*-	7-22	
32	Е	Y-5305 DRY DDG EAST/WEST CONVEYOR		7-22	
33	Е	Y-5311 DDGS PIT CONVEYOR		7-23	
34	Е	BE-5315 DDG LOAD OUT LEG FROM DDGS TO BULK WEIGHER LEG 6		7.23	
35	Е	HP-5317 BULK WEIGHER HYDRAULIC PUMP		7-55	
36	Е	Y-5320 DDG LOADOUT CONVEYOR	DDGS*-*-*-	7-73	
37	Ε	CH-5345 LOADOUT SPOUT OVER TRUCK			
38	Е	CH-5335 LOADOUT SPOUT OVER RAIL			
					. ·
			End	•	

Page: 1

Otter Tail Ag Enterprises, LLC

WO:

001821

Account:

Project:

Status: |

Submitted By:

PM SCHEDULE

Phone:

Phone:

Contact: Date, Time:

07/26/10,08:57 PM

Required: Dispatched To: 08/09/10

Type: Priority:

3

Rating:

Failure:

Action:

7

Est Down: OS Date, Time: Safety Procs:

Downtime: RS Date, Time:

PM Desc:

PM0001 W VISUAL INSPECTION

ROUTE INFORMATION

Route:

5000

DRYER/DDGS

PROBLEM DESCRIPTION

VISUALLY INSPECT MACHINE, NOTING ANY THING OUT OF THE ORDINARY, EG: LEAKS, SMOKE, UNUSAL VIBRATION, SPARKS ETC. ALSO NOTE ANY UNUSAL NOISES. IF A MINOR PROBLEM IS FOUND, REPAIR. CHECK OIL LEVELS WHERE APPLICABLE. CHECK SEAL POT LEVEL AND PRESSURE WHERE APPLICABLE.

COMMENTS

AUTHORIZATION/COMPLETION INFORMATION

Authorized By:

PM SCHEDULE

Authorized: Planned:

07/26/10

Planned By: Completed By:

Completed:

-27

ROUTE

Otter Tail Ag Enterprises, LLC Page:1

Route:

5000; DRYER/DDGS

WO:

001821

PM:

PM0001

			FIVI. FIVIOUUT	WO Statu	is: I
Stop	CD	Eqp/Loc/CC Description	Location	Stock	Qty
1	Ε	Y-5101 WETCAKE COLLECTING CONVEYOR	₹	7-27	
2	Ε	X-5201 M1 SYRUP MIXER (PMSX-11)			
3	Е	Y-5201 WET CAKE TRANSFER CONVEYOR			
4	Е	X-5202 M19 WET FEED SCREW CONVEYOR (SCRU-13)			
5	Е	Y-5202 M4 WET CAKE FEED CONVEYOR			
6	Е	X-5208 M2 DOUBLE SHAFT PADDLE MIXER (PMXT-11)			
7	Е	X-5209 M3 MIXER OUTLET SCREW CONVEYOR (SCRF-11)	2		
8	Е	DR-5250 M12 ROTARY DRUM DRIVE (ROTO-11)	DRYER*_*_*_*_		
9	E	X-5221 M5 HOPPER OUTLET SCREW (SCRU-11)			
10	Е	RV-5221 M6 DRUM DISCHARGE ROTARY VALVE (RVAL-12)			
11	Е	X-5212 M7 CYCLONE COLLECTION SCREW A (SCRO-11A)			
12	Е	RV-5202 M9 CYCLONE COLLECTION ROTARY VALVE (RVAL-11A)			
13	Е	X-5213 M8 CYCLONE COLLECTION SCREW B (SCRO-11B)			
14	Е	RV-5203 M10 CYCLONE ROTARY VALVE (RVAL-11B)			

Route:

5000; DRYER/DDGS

WO:

001821

PM:

PM0001

WO.		001021	1 100001		
Stop	CD	Eqp/Loc/CC Description	Location	Stock	Qty
15	Е	X-5216 M18 RECYCLE ELEVATING DRAG CONVEYOR (DRAG-11)		j	
16	Е	FN-5202 RECIRCULATION FAN FOR ROTARY DRYER (FANC-12)			
17	Е	UH-5225 DRYER AIR HEATER			
18	Е	X-5218 M31 FLUID BED TRANSFER SCREW (SCRU-31)			
19	Е	RV-5218 M37 FLUID BED TRANSFER SCREW ROTARY VALVE (RVAL-31)			
20	Е	Y-5203B WDGS SLIP STREAM CONVEYOR			
21	Е	Y-5203A WDGS TRANSFER CONVEYOR			
22	Е	RV-5206 M32 FLUID BED DISCHARGE ROTARY VALVE (RVAL-32)			
23	Е	FBAG-31 DRYER BAG HOUSE			
24	E	X-5217 M35 BAG FILTER DISCHARGE SCREW (SCRU-32)			
25	Е	RV-5207 M36 BAG FILTER DISCHARGE ROTARY VALVE (RVAL-33)			
26	Е	FN-5201 M11 COMBUSTION FAN FOR ROTARY DRYER (FANC-11)			
27	Е	FN-5203 M34 FLUID BED EXHAUST FAN (FANC-31)			
28	Е	Y-5301		7-77	
		C	ontinued Next Page		

Route:

5000; DRYER/DDGS

WO:

001821

PM:

PM0001

		Eqp/Loc/CC		Stock	Qty				
Stop	CD	Description	Location		4.9				
		FLUID BED COOLER CONVEYOR		7-21					
29	Е	Y-5302 CONVEYOR FROM DRYER TO DDGS BUCKET ELEVATOR	DRYER*-*-*-						
30	Е	BE-5303 DRY DDGS GRAIN LEG FROM DRYER TO INCLINE CONVEYOR LEG 5							
31	Е	Y-5304 NORTH/SOUTH INCLINE CONVEYOR	DDGS*-*-*-						
32	Е	Y-5305 DRY DDG EAST/WEST CONVEYOR							
33	Е	Y-5311 DDGS PIT CONVEYOR							
34	Е	BE-5315 DDG LOAD OUT LEG FROM DDGS TO BULK WEIGHER LEG 6							
35	Е	HP-5317 BULK WEIGHER HYDRAULIC PUMP							
36	Е	Y-5320 DDG LOADOUT CONVEYOR	DDGS*-*-*-						
37	Е	CH-5345 LOADOUT SPOUT OVER TRUCK							
38	Е	CH-5335 LOADOUT SPOUT OVER RAIL							
	End								